

Appl. No. 09/850,338
Amdt. Dated January 25, 2005
Reply to Office action of October 6, 2004
Attorney Docket No. P13427-US1
EUS/J/P/05-3021

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for authorizing ~~Method for the authorization of~~ transactions in a communication system, wherein a user equipment (UE) receives an authorization request for a content which is to be authorized with an identifier (H) of a transaction and wherein the UE replies to the request with an authorization response, said method comprising the steps of:

calculating the identifier (H) from the content;
transmitting the authorization request with the identifier to the UE
~~reception of~~ receiving the authorization request,
determining an indication for the authorization request,
output of the indication by the user equipment (UE),
waiting for an input to approve or disapprove the authorization request,
signing the identifier (H) using a signing function, and
sending the authorization response according to the input, wherein an approving authorization response comprises the signed identifier (H).

2. (Currently Amended) The method ~~Method~~ according to claim 1, wherein the identifier (H) is a hash value.

3. (Currently Amended) The method ~~Method~~ according to claim 1 ~~or 2~~, wherein a check is performed whether the authorization request comprises a string (T) and the indication is the detected string (T) or a default string ~~else~~.

4. (Currently Amended) The method ~~Method~~ according to ~~any preceding~~ claim 3, wherein the displayed indication is included in the authorization response.

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5. (Currently Amended) The method ~~Method~~ according to any ~~preceding~~ claim 3, wherein a check is performed whether a connection is classified as safe and the indication comprises a result of the check or is selected according to the check.

6. (Currently Amended) The method ~~Method~~ according to any ~~preceding~~ claim 3, wherein the authorization request comprises a signature of the sender and a check of the sender signature is performed.

7. (Currently Amended) The method ~~Method~~ according to claim 6, wherein the indication comprises a result of the check or is selected according to the check.

8. (Currently Amended) The method ~~Method~~ according to any ~~preceding~~ claim 7, wherein a concatenation of the identifier (H) and at least one further parameter is signed.

9. (Currently Amended) The method ~~Method~~ ~~any preceding~~ claim 7, wherein a signature depends on a parameter which varies in consecutive authorization requests or authorization responses.

10. (Currently Amended) The method ~~Method~~ according to any ~~preceding~~ claim 7, wherein the authorization request is sent by a server (MS) after reception of a message from a further entity.

11. (Currently Amended) The method ~~Method~~ according to claim 10, wherein the message comprises the indication or a parameter determining the indication.

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12. (Currently Amended) The method ~~Method~~ according to claim 10 or 11, wherein the server (MS) forwards an approval of the identifier (H) to the further entity.

13. (Currently Amended) The method ~~Method~~ according to claim 10 ~~any of the claims 10 to 12~~, wherein the server (MS) stores the indication or forwards it to the further entity.

14. (Currently Amended) A server ~~Server~~ for processing authorization procedures in a communication system, comprising:

with an interface to exchange messages with ~~between the server and user equipment~~ connected to the communication system, ~~wherein the server has~~ a processing system adapted to send an authorization request, for a content which is to be authorized, to the user equipment and to receive an authorization response from the user equipment, wherein ~~characterized in that the processing system is further adapted for~~

~~determines calculating an identifier (H) from for the content and for including includes the identifier (H) in into the authorization request, wherein the authorization request is then transmitted, with the identifier to the UE, wherein the UE determines an indication for the authorization request, and~~

~~the processing system determines an indication for the content and includes the indication into the authorization request~~

the server being adapted for checking ~~(MS) checks~~ the authorization response for the identifier (H) signed by the user equipment (UE).

15. (Currently Amended) The server ~~Server~~ according to claim 14, wherein the server (MS) comprises

an interface to receive messages from a further network entity and the processing system is adapted to extract the content for authorization from a message

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received from the further network entity and to send a reply to the further network entity, wherein the reply is determined by the authorization response.

16. (Canceled)

17. (Currently Amended) A user equipment (UE) for a communication system. User equipment for a communication system, especially for a mobile communication system, with comprising:

a transmission unit to receive and send messages, the messages comprising authorization requests and authorization responses,

a unit to process input of a user,

a unit to perform an output to the user,

a unit to sign parameters and

a processing system (PS) controlling said units ~~which is the PS~~ adapted to process an authorization request for a content which is to be authorized with an identifier (H) of a transaction and to reply to the request with an authorization response, wherein

the processing system (PS) includes

a unit ~~to determine~~ for

calculating the identifier (H) from the content;

transmitting the authorization request with the Identifier to the UE

determining an indication for the request, to initiate

initiating the output of the indication by the unit to perform an output
~~output unit (OU), to wait~~

waiting for an approval of the request by the user, to initiate

initiating the signing of the identifier (H) and to initiate the sending of
an authorization response with the signed identifier (H) by the
transmission unit (TU).

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18. (Currently Amended) The user equipment ~~User equipment~~ according to claim 17, wherein the processing system (PS) performs a check whether the authorization request comprises a string (T) and selects a ~~the~~ detected string (T) as indication or a default string else.

19. (Currently Amended) The user equipment ~~User equipment~~ according to claim 17 ~~or 18~~, wherein the processing system (PS) includes the displayed indication in the authorization response.

20. (Currently Amended) The user equipment ~~User equipment~~ according to claim 19 ~~any of the claims 17 to 18~~, wherein the processing system (PS) performs a check whether a connection is classified as safe and includes the result of the check in the indication or selects the indication according to the check.

21. (Currently Amended) The user equipment ~~User equipment~~ according to claim 17 ~~any of the claims 17 to 20~~, wherein the authorization request comprises a signature of the sender and the processing system (PS) performs a check of the sender signature.

22. (Currently Amended) The user equipment ~~User equipment~~ according to claim 21, wherein the processing system (PS) includes the result of the check in the indication or selects the indication according to the check.

23. (Currently Amended) The user equipment ~~User equipment~~ according to claim 22 ~~any of the claims 17 to 22~~, wherein the processing system (PS) signs a concatenation of the Identifier (H) and at least one further parameter.

24. (Currently Amended) The user equipment ~~User equipment~~ according to claim 23 ~~any of the claims 17 to 23~~, wherein the processing system (PS) includes a

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parameter which varies in consecutive authorization requests or authorization responses into a signed content.

25. (Currently Amended) A computer program stored on a computer readable medium coupled with a user equipment (UE) ~~Computer program unit~~ for receiving an authorization request for a content which is to be authorized with an identifier (H) of a transaction and for the UE replying to the request with an authorization response, the computer program ~~program unit~~ comprising instructions for: ~~code for performing the steps of~~

calculating the identifier (H) from the content;

transmitting the authorization request with the identifier to the UE

~~reception of~~ receiving the authorization request,

determining an indication for the authorization request,

initiating the output of the indication,

waiting for an input approving or disapproving the authorization request,

initiating the signing of the identifier (H), and

determining the authorization response according to the input, wherein an approving authorization response comprises the signed identifier (H).

26. (Currently Amended) The computer program of ~~Computer program unit according to~~ claim 25, wherein the identifier (H) is a hash value. ~~the program unit performs at least one step of a method according to any of the claims 2 to 9.~~

27. (New) The server of claim 14, further comprising means for performing a check of whether the authorization request comprises a string (T) and the indication is the detected string (T) or a default string.

28. (New) The server of claim 14, further comprising means for including the indication in the authorization response.

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29. (New) The server of claim 14, further comprising means for determining whether a connection is classified as safe and the indication comprises a result of the check or is selected according to the check.

30. (New) The server of claim 14, wherein the authorization request comprises a signature of the sender and the server further comprises means for performing a check of the sender signature is performed.

31. (New) The server of claim 14, further comprising means for detecting a signed concatenation of the identifier (H) and at least one further parameter.

32. (New) The server of claim 14, wherein a signature depends on a parameter which varies in consecutive authorization requests or authorization responses.

33. (New) The server of claim 14, wherein the authorization request is sent by the server (MS) after reception of a message from a further entity.

34. (New) The server of claim 34, wherein the message comprises the indication or a parameter determining the indication.

35. (New) The server of claim 34, wherein the server (MS) forwards an approval of the identifier (H) to the further entity.

36. (New) The server of claim 34, wherein the server (MS) stores the indication or forwards it to the further entity.